THE NEW

FLORIDA SKIP

VOL. 31 NO. 1 THE ALL-FLORIDA AMATEUR RADIO PUBLICATION SEPTEMBER 1987. 75 CENTS

FCC TO MOVE MONITORING STATION

By Daniel Horgan II
FLORIDA TODAY

A communications station that prevents illegal interference with television, radio and police broadcasts will move to the Vero Beach area in September, Federal Communications Commission officials said.

The monitoring station, which tracks national and international high-frequency transmissions, will relocate from Fort Lauderdale to a 150-acre tract on Lloyd Road, 3 miles south of SR 60 near CR 512, said Barry Nadler, a station engineer.

Ten employes will monitor transmissions to prevent illegal interference and make sure transmissions comply with FCC rules, he said. Indian River County will benefit because the station can detect transmissions interfering with police and other emergency frequencies, Nadler said.

Minor cases of interference — such as citizens band radio disturbing residents television pictures — still will be handled by FCC offices in Tampa and Miami.

The station's specialized tracking equipment also can assist the Coast Guard in finding boats in distress, Nadler said.

FCC officials want to move the station to the rural area near Vero Beach because electrical noise levels in Fort Lauderdale are reducing its effectiveness.

"By moving, we hope to get 20 or 30 years on encroachment from civilization," Nadler said.

The equipment tracks both domestic and overseas transmissions. If an international radio station in Europe picks up interference from American transmissions, the station can locate the source, Nadler said.

The Fort Lauderdale station played a major role in discovering illegal radio transmissions from Cuba that jammed Hispanic radio stations in Mami, Nadler said. One of those stations was the anti-Castro Radio Marti.

The station will monitor all AM and FM radio transmissions, television transmissions and many other high-frequency transmissions, Nadler said.

(From AA4MI & Florida Today)

COMING EVENTS

Melbourne Hamfest, Aug. 29th & 30th.
West Palm Bch Hamfest, Nov. 21 & 22nd
So. FL ARRL Conv. St. Pete. Nov. 21-22nd
Okeechobee ARC Hamfest Dec. 5th
Inverness SHARC Hamfest Jan. 30, 1988
Sarasota Hamfest, Feb. 20 & 21, 1988
Miami HAMBOREE, Feb. 6 & 7, 1988
Did we miss anyone? Submit dates early. AC

QRZ 2 meters this is KB4KWS at 4000 feet in South Florida. Henry Clark has made almost 1,000 free-fall and parachute jumps. Henry an aircraft mechanic for EAL comes from Atlanta. He received his General recently and can be heard on the South Florida FM Assn. repeater 40/00 which is about 850 feet atop Channel TV-6's tower. To her surprise, Joycelyn Martinusek N4ORZ of Miami Beach heard on 40/00 one day....."N4ORZ this is KB4KWS at 6000 feet -- happy mothers day Joycelyn." Just hold tight to that H.T. OM. (Photo via N4ORZ.)

OKEECHOBEE AMATEUR RADIO CLUB MEMBERS ASSISTED IN THE 1987 OKEECHOBEE SPECTACULAR MARCH OF DIMES

By Bob Franks, K4INJ

In 1986, Okeechobee collected $6,000.00+, in 1987, $17,340.00 was collected.

Twelve members turned out at 7 a.m. to donate their radio communications services. They helped man eight checkpoint tables over a twelve mile walk. They manned two mobile units. One was the Red Cross van for pick up of people that could not finish the course; the other carried refreshments to the needy checkpoints.

Marl Brandel KF4EA, Susan Morgan WB4TOS and Bill Morgan WA4TOS did a tremendous job in working with the March of Dimes planning committee in laying out the twelve mile course, and selecting the best checkpoint sites. The base station truck was furnished and manned by Bob Franks K4INJ.

After the walk a plate dinner was served to the walkers and the other workers. Sue Jackson, head of the Red Cross, now taking Novice class lessons, Dot Franks WA4HPB and Thelma Jones XYL of KB4SMU, helped man the chow lines.

Other Hams that participated were Glenn Kessler KA4UML, Gene Gendreau KA6HRN, Gill Threadgill KB4EKF, Norm Webster KB4EKE, Larry Fall KA4KWW, Phil Jones KB4SMU, Harry Broderson KB4RCV. The Okeechobee Amateur Radio Club received an Engraved Plaque, and each participating member received a nice Certificate of Appreciation from the Okeechobee March of Dimes committee.

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DEADLINE: 8th of month in P.O. Box 501, Miami Springs, FL 33266.

SILENT KEYS

We are deeply sorry to report the following Radio Amateurs becoming SILENT Keys.

K4VND	Dick Smith	Gulf Breeze
WF4X	Lt. Col. Phillip W. O'Dwyer	Ft. Walton Beach
W4FNI	Nelson Spock	South Daytona
W4QS	Rex Basset	Ft. Lauderdale
WB4GSV	Simon Silverman	Fort Myers
W4LFS	John Larkin	St. Cloud
W4MAA	Edward Warner	Astor
KB4OC	George Russel	Orange City
K4UGW	Logan Trenner	Apokpa
WA4ZTY	Charles Carruth	Lakeland

Note: Last month we listed Rex Basset as W4QV. Sorry! Bill W4QV is well and kicking. Also some Silent Keys submitted in past week or two was misplaced. Kindly send in again.)

NEW COLUMN

The new Florida Skip is happy to announce a new monthly column, entitled "HELP WANTED." This column will help needy amateurs obtain employment, while giving area employers a pool of skilled labor.

Prospective employers can send Skip a contact address, phone number, and positions available. Amateurs can send a description of their knowledge and skills, with address and phone number.

The applicant and employer will then discuss the possible position. Florida Skip will not partake in the negotiation process.

We hope this will be useful to those who may need it. —73, AC

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Avionics Electronic technicans wanted. Part time or full time . Days only. Bench experience prefered. Job on 36th Street in Miami Springs near International Airport. Please call Jim Bily, ALTA AVIONICS Inc. 5399 NW 36th St., Miami Springs, FL 33166 (305) 871-8357.

HAS YOUR LICENSE EXPIRED?

Check your license expiration date NOW!

If your license was issued prior to January 1, 1984, you may renew it at any time during the five-year grace period beginning with its expiration date. You will be assigned a new call if you renew more than two years into that five-year period. If the full five-year grace period has elapsed you lose your call and must be retested. If your license was issued January 1, 1984, or later, your grace period is two years. If the grace period has expired you have lost your call and you will have to be retested. If you apply for renewal under the grace period you must not operate until your new license arrives.

FCC Form 610s, which can be used to renew or modify your license, are available for an SASE from FLA. SKIP.

STATE OF FLORIDA
DEPARTMENT OF REVENUE

July 21, 1987

Re: July, 1987 — Sales Tax
Sales Tax Status of License Exam Fees
Rule 12A-1.001(21)(a), F.A.C.
Chapter 212.0592(10), F.S.

Dear Mr. Hills: (KC4N)

This will acknowledge your letter postmarked June 2, 1987, inquiring as to the taxable status of licensing examination fees for Federal Communications Commission exams when such fees are paid to Volunteer Examiner Coordinators.

In your letter you state the following:

"The FCC has arranged for several Volunteer Examiner Coordinators (VECs) to conduct licensing exams for the FCC. The American Radio Relay League is one of the VECs. Under its auspices, certified examiners who are volunteer licensed operators administer the FCC exams.

"The FCC allows the ARRL (or other VECs) to collect fees sufficient to compensate for the costs of administering the license exam program. The FCC sets the fees annually and requires a strict accounting from the VECs. Currently the ARRL's fee for examinations is $4.35. (The FCC allows $4.37, but the VEC can charge up to the allowance.) Checks for the exams are made out by the examinees to the ARRL VEC, and are transmitted with the examinees' papers to the ARRL before being sent on to the FCC for issuance of licenses. In Florida, examination sessions may range in size from two or three examinees to several hundred. Exams are given at the convenience of the local examining teams, coordinated and publicly announced by the VECs.

"The question we have is whether Florida sales tax should be added to the examination fee. Examinations are being conducted somewhere in Florida quite often, nearly every day, so we would like to have this situation clarified expeditiously."

Chapter 212.0592(10), F.S., as created by Chapter 87-6, L.O.F., which will become effective on July 1, 1987, provides:

"(10) Fees or other charges for services imposed by governmental entities enumerated in SIC Major Groups 43, 91, 92, 93, 94, 95, 96, and 97, and fees or other charges by the Federal Deposit Insurance Corporation, and the Federal Savings and Loan Insurance Corporation. However, this exemption shall not apply to charges for utility or sanitary services."

Industry No. 9631 of S.I.C., Major Group 96, enumerates in part:

"Establishments primarily engaged in regulation, licensing and inspection of communication, . . . Federal Communications Commission . . . . ."

Based on the above quotes, fees imposed by the Federal Communications Commission for services will be exempt from sales tax under the new law. This exemption would include licensing examination fees.

Through the month of June, services were exempt from sales tax. Again, this exemption would include examination fees provided by governmental entities as outlined above.

This response is predicated upon the facts and circumstances of your specific situation as summarized herein, and is not an official statement or opinion of this Department, but rather is issued as assistance to you by this writer. The conclusions reached herein may change to the extent that any portions of the conclusions are based on Emergency Rules for the sales tax on services which will expire upon the earlier occurrence of December 18, 1987, or the effective date of Permanent Rules. If you wish an official, binding statement on these issues, you may file a written request for a Technical Assistance Advisement, pursuant to the required disclosures imposed by Rule 12-11.03, F.A.C., and attach a copy of this letter, or you may file a formal petition for Declaratory Statement with the Division of Technical Assistance, Department of Revenue, P.O. Box 6668, Tallahassee, Florida 32301-0284. We require compliance with Rule 12-2.10, F.A.C., and s. 120.565, F.S., for Petitions for Declaratory Statements, and Rule 12-11, F.A.C., and s. 213.22, F.S., for Technical Assistance Advisements.

You may call this office at (904) 488-6387 for further assistance.

Sincerely,
Rick Johnson
Technical Assistant

(TKS to John Hills KC4N in Tallahassee for the above info. AC.)

QSY TO PG. 8

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TRAFFIC HOUNDS — JULY 1987

By WA4PFK, SM. SO. FL.

NET	QNI	AVG.	QTC	AVG.	Sessions	Manager	QTC/QNI*
QFN	831	13.4	471	7.6	62	WX4H	.56
FMTN	692	22.3	413	13.3	31	WB4AID	.59
GN	357	11.5	270	8.7	31	N4ET	.75
FPTN	1250	40.3	267	8.6	31	WB4WYG	.21
SEFTN	1106	35.7	253	8.2	31	KA4YHS	.22
TPTN	563	18.2	203	6.5	31	WD4KBW	.36
FAST	571	9.2	169	2.7	62	WD4KBW	.29
SVTN	549	17.7	135	4.4	31	KB4LB	.24
QFNS	271	8.7	118	3.8	31	KA4SIH	.43
SWFTN	719	26.6	112	4.1	27	KB4LPL	.15
NFPN	1397	45.1	86	2.8	31	AA4QC	.06
FPON	361	11.6	80	2.6	31	WB4GCK	.22
FMSN	280	9.0	54	1.7	31	WD4KBW	.19
LSTTN	1065	34.4	54	1.7	31	NQ4P	.05
SPARC	526	17.0	42	1.4	31	K5IHH	.07
PBTN	380	16.5	28	1.2	23	K4FHW	.07
AIN	82	20.5	6	1.5	4	WA4PFK	.07
PRVAN	19	4.8	3	0.8	4	WD4KBW	.15
ENMC	58	—	2	—	?	NU4X	.03

* See explanation of QTC/QNI elsewhere in Florida Skip.

R.D. Hill

TOP TWENTY TRAFFICERS — JULY 1987

By WA4PFK and N4ADI

1.	W4CUL	2936	11. AA4HT	157
2.	W3VR	932	12. N4GMU	143
3.	WX4H	558	13. KB9LT	140
4.	N4PL	379	14. W4DL	137
5.	WA4PFK	374	15. WD4KBW	129
6.	WA4QXT	313	16. WA4EYU	127
7.	W7YWF	204	17. WA4RLV	124
8.	K4SCL	188	18. AA4BN	121
9.	WA4EIC	178	19. WB4WYG	120
0.	WA4NFK	162	20. WA4RUE	118

SSB AND ALL VOICE NETS

By Al Suhr, WB4AID

Bill Richards, WB4WYG, MGR of the Florida Phone Traffic net reports:

MELBOURNE HAMFEST IS COMING! FPTN will have a table so STOP BY and sign in. Here you may meet and greet your friends. FPTN members will meet at the RAMADA INN for a luncheon at 11:30. If you missed your friends earlier; come have luncheon with us and enjoy the fellowship.

Keeping up with the FPTN members: "DOC," W4SME is somewhere between Alabama and Florida; RUS, WB4ZVD is in New York state; ROY, K4EJW has fled to the hills of North Carolina. Regular members on the "Binnacle List": Phil, W4BCZ, and his wife have had some health problems. Stan, K4BLM, is checking in when he feels up to it.

The total check-in is expected to be less during July. However, if the calculated forecast total reaches 1,245 such would generate a daily average of 40.2 checkins per session. For a vacation month that would be a "Real Good Figure."

FLORIDA TRAFFIC NETS

TIME	NET NAME	FREQ
0700/1200	Florida Phone Traffic Net (FPTN	3940
0830/1330	Gator Net (GN)	3651
1200/1700	Florida mid-Day Traffic Net (FMTN)	7247
1700/2200	Tropical Phone Traffic Net (TPTN)	3940
1730/2230	Florida Medium Speed CW Net	3651
1800/2300	Florida Amateur Sideband Traffic Net (FAST/E)	3940
1830/2330	Northern Florida Phone Net (NFPN)	3950
1900/0000	QFN The All Florida CW Net (Early Session)	3651
2000/0100	QFN - Slow Speed Net (QFNS)	3715
2200/0200	QFN - The All Florida CW Net (Late Session)	3651
1630/2130	Florida Public Operations Net (FPON)	3908
0800/1300 Sat.	ARRL Information Net	3940

(CLIP AND SAVE.)

Susanne Albert, KB4PNH of Homestead tries her hand at Packet Radio recently at the Dade County Youth Fair Amateur booth. The location of the station is about 1500 feet from where the Pope will say his special mass in September. (Photo via NMR)

A mythical award called the "Golden Cookie" was started in October of '83 to acknowledge the 1,000th station checking into the net each month. FPTN uses a rotating roll call, as do most nets, which breaks up the alphabet into sections. Each day the roll is called beginning and ending with a new section. This creates a variable as to which station will be the 1000th. Very few duplicates have been experienced. In June, however, Miss Laura, WA9VND, was the 1000th station, and it was WA9VND who again was the 1000th station in July! WOW! Two months in a row. Congratulations, Miss Laura! This certainly is a first for FPTN.

We try to promote a warm and friendly feeling among those present. After the traffic handling — and the roll call, there is usually an informal period. You know, time for trivia. "Tech" questions, chit-chat, or anything which might strike the fancy of those present. So give a listen and help yourself by starting a good day the FPTN way on 3940 at 7 A.M.

William Matzinger, WD4KBW, MGR of the Tropical Phone Traffic Net, AND THE FAST NET, tells it this way:

I would like to give a hearty JOB WELL DONE TO CHARLIE KC4VK who has managed TPTN very well over the past year. He has unselfishly given freely of his time and energies for TPTN and I think we all owe him a big THANK YOU.

Beginning September 1, the net will adopt a policy which requires stations on the TPTN rolls to check in a minimum of 5 times during a calendar month (excluding vacations) in order to remain on the TPTN roster. I feel this will be fair to all and will help keep our roster more manageable.

In July the following NCS's seemed to have gone on vacation at about the same time: Fred, AA4FG, Walt, WA4QXT, and Jerry, KF4YE. This resulted in short-handedness among the NCS group, but there were plenty of volunteers who pitched in to help; a big THANK YOU TO THEM, TOO!

Bill, WD4KBW, puts on his other hat as Manager of the FAST net and says FAST NET continues to do very well despite summer's bringing horrendous static levels to 75 meters. This time of year the most often repeated phrase seems to be, "Please repeat OM, static got ya."

The FAST NET LATE SESSION continues to meet near 3942 KHz. It is impossible to be exact at this time of night. No one owns a frequency (this includes nets), so keep tuning around for us and please don't be discouraged.

THE FORTY METERS WORKERS OF FMTN as reported by Manager, Al Suhr, WB4AID, have their problems, too. Band reversals, static and all those good things which challenge all participating stations. One day, just before FMTN convened, a 1-land net came booming down on 7247.5. We heard them say to each other that they had begun to interfere with the Florida net and they should move to fifteen meters to correct the situation. Needless to say we, of FMTN, appreciated their action and hope they heard us say so.

QSY TO PG. 6

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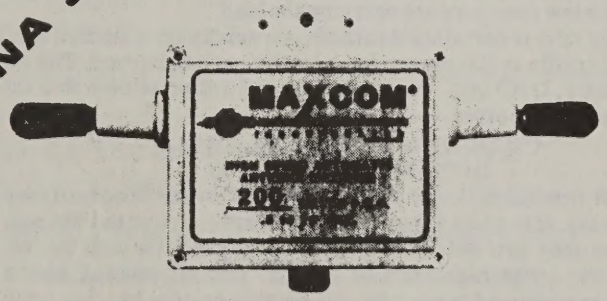

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FROM PG. 4

KA4GUS, "Gus," Assistant FMTN MGR — Warm-up, sure keeps things humming in such a smooth way that the NCS finds things really in order when entering FMTN frequency for his or her tour of duty.

Little is ever said about those station who have become the working cadre of many sessions of FMTN, THE RELAY STATIONS. Let's think for a moment about AA4IY, Chuck of Fernandina Beach. Always there ready to do the bidding of NCS. He makes it his daily task to assist in any way he can. KI4NN, Jim of Panama City, whose big signal reaches out into areas where other signals fail, is an operator who does any job required by NCS. W4MLX, Bob of Tallahassee, one of our newer members, anxious to be active, shows how he can help in many ways. Bob is very cautious because he is new and we appreciate his effective effort. NZ4O, Chuck of Old Town, Florida and Knoxville, Tennessee is an old hand at Ham Radio. He ususally enters FMTN with traffic and becomes an FMTN FORTY METERS WORKER after his book is clear. N2GNO, Tom of Charlston, S.C., is in the Military and enters FMTN during his lunch hour. Another one ready to act in any way needed by NCS. N4DAS, Lyle of Fort Walton Beach, has made relaying an art on FMTN. These are some of the excellent operators who keep FMTN functioning. They are all patient, polite, quiet, efficient and competent. We appreciate their presence and effort.

A different kind of relay station is WA9VND, Laura of Deerfield Beach. Her chosen task is to relay to later nets that traffic which can not be sent directly to its destination on FMTN. A TOP-NOTCH operator.

FMTN meets daily at 1600 UTC on 7247.5 KHz; we hope to see you there.

NET ACTIVITY — ANOTHER MEASURE
By WA4PFK

When KA4FZI was manager of QFNS she came up with a unique way of measuring net activity but it didn't seem to catch on. I'd like to present it again for your consideration. It is simply the ratio of QTC to QNI — that is the total QTC divided by the total QNI yields the activity factor.

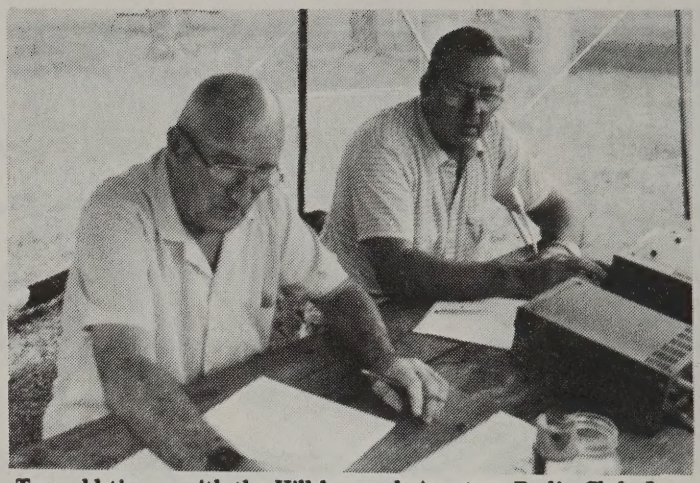
A number considerably less than one indicates rather low activity on the part of many net members. As the activity factor increases it would need to be interpreted by the net manager as to whether the activity is spread through the net membership or whether a few members are carrying the load.

A large QNI is certainly desirable, especially on a section level net, and traffic is the reason for a traffic net's existence. The activity factor, QTC/QNI, would give an illustration of how well the two balance each other.

CW TRAFFIC NETS ALIVE & WELL
By Phyllisan West, KA4FZI

The CW nets barely know that it is "vacation time" because they stay so busy. It is great to have summer visitors round out the nets and know they are welcome as long as they can be with us. We sorely miss some regulars like KB9LT, Cotton, wishing him a speedy recovery and hoping he will be able to ease his way back into the CW nets where he has left a big hole. WF4X, Phil Odyer, is also greatly missed — especially on Gator Net where he was a long-time member. His passing is a loss to us all. Many thanks to the volunteers who pick up jobs and traffic for them and for other members who are on vacation. We couldn't manage without you.

KA4SIH, Willard, reports an average QNI of 9/session with a high traffic activity ratio on QFNS. A fine complement of net control stations and reps maintain a high interest and the net's A-1 image. New regular members include WA4RLV, Hank, who can handle **Seminole** and **Tampa**. It is also nice to hear WA4LGT, Ernie, and WA4GYR, Don, back on the air after several years. KC4VK, Chuck in **Edgewater**, and KC4FL, John in **Jax**, have been checking in, and WB1EKV, Dave in **Leesburg**, is new on QFNS and QFN. WA9VND, Laura in Deerfield, has been a good rep to/from **SEFTN**. Please make use of these stations to move traffic. QFNS — the only Florida net for ALL licensed operators — meets daily at 8 P.M. on 3715. JOIN US.



Two old timers with the Hillsborough Amateur Radio Club, Inc. kept busy during the ARRL Field Day in June, at Lake Park in Tampa. On left Victor Strinck W4IRP looging and at mike is conrad Kibler, WB4ARS, Pres. HARS. (Photo by W4UHF')

WD4KEW, Bill, observes of FMSN, "Amid DOG DAYS of summer when Mother Nature is releasing her fury on the lower bands with high static levels, I wonder what we did to get on her bad side. FMSN, however is blessed with many dedicated individuals that keep our QNI levels consistently high. For those of you who have been expecting net certificates, they should be arriving very soon." FMSN is a fine link in the Florida traffic chain, great for code practice, and boasts active reps with plenty of activity. They invite you to QNI daily at 5:30 P.M. on 3651.

N4ET, Don, new manager of Gator net indicates that the net seems to be going through the summer doldrums, but observes that with the "old stalwart's" regular checkins it is doing okay — even under the strain of breaking in a new net manager. So far, they have not had to QSY to 40 meters this year as they have had to do in past summer months. According to the stats, Don is definitely doing things right. They invite your QNI daily at 8:30 A.M. on 3651.

STATE RACES NET

The State of Florida RACES Net meets Monday through Friday at 9 a.m. local time on 3990.5 KHz. State Net Coordinator is Wimpy KB4LV in Sanford. Wimpy requests one amateur from each 67 of Florida's counties check in. He presently has about 58 counties on his call-up list. He also suggests you read sub-part "F" of FCC rules Part 97 for more details on RACES and its purpose. Next month we hope to have more news from our State Net Coordinator.

SKIPNET has been approved by the FCC. Acting on an ARRL request, the Commission has issued a Special Temporary Authority grant that permits some 50 high frequency amateur stations to conduct an experiment in unattended automatic operation while transmitting thrid-party traffic on frequencies below 50 MHz. Once Skipnet begins its operation, the packeteers named under the STA will be able to participate as relay stations or "packet switches" in experimenting with long-haul automated packet communication. The network will utilize discrete frequencies on the 20, 30, 40 and 80 meter high frequency bands to relay traffic nationally. If the Skipnet experiment proves to be a success, it could lead to the ARRL or some other entity requesting a permanent policy change in regard to unattended packet operation on the high frequency bands.

(The WESTLINK REPORT)

NOTICE: DEADLINE for all items the 10th of each month. Can accept HAMBARS until 15th in Box 501, Miami Springs, FL 33266. Anything received after the 15th will be held over for next month.....Thanks Editor

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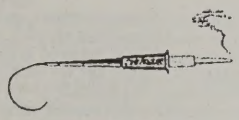

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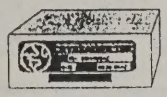

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MARS IS GETTING ITS ACT TOGETHER

By Mac, AAP4ND

Friday night at 0100Z (9:00 EDS) on 4030 USB AAR4WV is NCS on a net in which AIR FORCE, NAVY and ARMY MARS members participate. AIR FORCE and ARMY MARS have already signed a MOG (Memorandum of agreement) and NAVY is expected to do so soon. This and later MOB's will spell out the rules under which this inter service participation will proceed. It's good to know MARS is proceeding to get rid of un-necessary red tape in an orderly manner.

ARMY MARS gave E.E. HOISINGTON, AAR4OU, the 25 year SERVICE CERTIFICATE a year ago and most of us are just finding out about it. "HOISY" joined MARS in 1957 in New Jersey as AA2GDR while on the Executive staff of BOY SCOUTS OF AMERICA. During that time he served as MARS as Training Officer, Eastern Area Librarian, NCS and ANCS.

When "Hoisy" retired from the BOY SCOUT organization in 1976 he moved to Florida where he first became known as AAM4YTA and later AAR4OU. He is best known in Florida MARS as publisher of the QUA but that is only one of his many activities. As an AMATEUR (K2GDR & W4YTA) he is LIFE MEMBER of ARRL, remains active on CW and 2mtr FM and prefers SSB and RTTY. PACKET will soon occupy some of his IBM computer memory.

Radio is but one of his many activities. he is a past President, member of the Board and Bulletin editor of his ROTARY INTERNATIONAL club. The Hoisington have been married 42 years, have two children and two grandchildren.

GIRL SCOUTS EARN COMMUNICATION BADGES

By Joycelyn Martinusek, N4ORZ

Fred Wilson K4KRY a sightless ham, and daughter Windy Mateu a Girl Scout troop leader enlisted my station to help 9 scouts earn badges for communications.

Fred showed the girls how the sightless communicate with the brailwriter, brail watch, talking calculator and clock. The favorite of the young girls was his talking scale upon which each wanted to hear her weight.

On May 14 the girls were to complete their last portion for their badge. On 2 meters from Fred's station each girl spoke with me, each giving name, age, and school. They were enjoying amateur radio and had many questions about radio communications, even gave a couple personal ones. Are you married, and how old are you.

On May 27 at a banquet the nine Girl Scouts were presented their communication badges. Thanks to the joint efforts of Fred K4KRY and his daughter Windy, troop leader, I was very pleased to have been asked to assist in the amateur communications portion of this most worthy endeavor.

FLORIDA REPEATER MAP

The only one of its kind! The 1987 5th edition of the Florida 2 meter map is off the press. Another beautiful job by map editor Bill Tucker, W4FXE - with our sincere thanks to the Florida Repeater Council. each city has its own box with frequencies listed therein. There is another list by frequency along the side. Map is again printed on 11 X 17 inches, black on yellow bond paper. Easy to read. Once again we are keeping the price down to only 25 cents each with your No. 10 (standard 10 inch business) envelope, self addressed and 22 cent stamp. Send to: Map, Florida Skip, P. O. Box 501, Miami Springs, FL 33266.

Dear Andy:

Just a short note on the cancellation of the Florida QSO Party.

Maybe the date should be changed. This way we would not have to compete with the "County Hunters Contest," and sometimes the "Armadillo Run."

Keep up the good work!

Sincerely,
Phil Gilbert, WA4QHQ

Dear Florida Skip Editor:

After a monumental effort, Broward County now has a highly detailed plan of action for RACES. Many thanks goes to Dade County, Palm Beach County, the State of Florida RACES and the ARRL for their help and guidance in helping us in the development of this urgently needed plan for Broward County.

We are pleased to inform you that since our completion and implementation of our new Broward County Emergency Net format, our check-ins have been growing in leaps and bounds. This new format employs both current information as well as training segments as defined in our RACES manual.

It is our desire for this net to provide the amateurs in Dade, Broward and the Palm Beach counties an enjoyable and informative net and to sharpen their emergency communications skills.

We cordially invite all amateurs to join us every Monday night at 7:00 P.M. on the 146.31/91 Repeater which is hosted by the Broward Amateur Radio Club.

As the Broward County RACES Officer, I wish to inform you and the readers that the frequency of 146.31/91 is the official Broward County designated frequency for the Broward County Emergency Preparedness Net. This will also be the initial frequency for all stations to monitor when involved in an official RACES call-up by the county.

To the Amateurs that live in Broward County, we have a responsibility to supply emergency communications if the need arises. This RACES plan will bring the twenty-eight (28) different Municipalities and the different agencies together if their main source of communications fail.

We all have a gift. That gift is the love of Amateur Radio, and with that gift, we can, and will supply others with the help they need at the time of crisis. Please evaluate your needs and see where you can help OUR Community if the need arises through Amateur Radio. Our ultimate goal is "TOTAL COMMUNICATIONS" for Broward County.

We need dedicated Amateurs to commit to RACES, to serve the Citizens of Broward County as radio communication operators when the need arises.

If you would like to sign up and volunteer, please call me at 583-3625 in Broward County.

Robin Terrill
RACES Officer Broward County

•

Dear Andy:

I hope that you are enjoying good health again. Hope to see you at the Melbourne Hamfest in August.

Our Okeechobee Radio Club is getting ready for our HAM FEAST on December 5th, 1987. Our Ham Feast has been listed as an Official AARL HAMFEAST, by ARRL.

Our old Okeechobee Hamfest featured a Steak Barbeque Dinner with the admission donation, but, due to the high cost of Steak we could not include Steak at this time, instead we will have an OKEECHOBEE CAT FISH DINNER on the Menu. **THERE WILL BE A NOMINAL EXTRA DONATION FOR THIS DINNER. THIS DINNER IS NOT INCLUDED IN THE ADMISSION DONATION.**

This dinner will be catered, and served by the OKEECHOBEE JAYCEE's.

We want the Hams to bring their XYLs as there will be Women's activities going on all day long.

Enclosed is an article on our club's participation in the Okeechobee March of Dimes, also a picture of our base station truck. Andy this is the first time that I have written an article, so please correct any mistakes as you see fit.

I am enclosing eight dollars for Renewal of my Florida Skip subscription which expires in December 1987. Please note the ZIP CODE has been changed to 34974. Keep up the good work.

Sincerely,
Bob Franks, K4INJ
Okeechobee, FL

•

Dear Andy,

I am writing to inform you that my husband C. Keith Street, G3DKS/W4 died on July 6, 1987. I'm afraid he was suffering from acute leukemia for which there is no effective treatment.

It all happened very quickly and I'm glad for his sake that he didn't linger on in pain and discomfort, but it doesn't make acceptance any easier.

As you know he was a keen radio operator for most of his life and was very happy that you published so many of his short articles in Florida Skip. I thought you might like to have a copy of his obituary and am enclosing one with this letter.

Sincerely,
Eileen Street,
Deltona, FL

OBITUARY — G3DKS

CHARLES KEITH STREET (G3DKS) born 16 April 1909 in London, England, joined the Royal Air Force as an Aircraft Apprentice at age 15, and served his country for 40 years in various parts of the world, retiring as a Senior Officer, (Group Captain) in 1964.

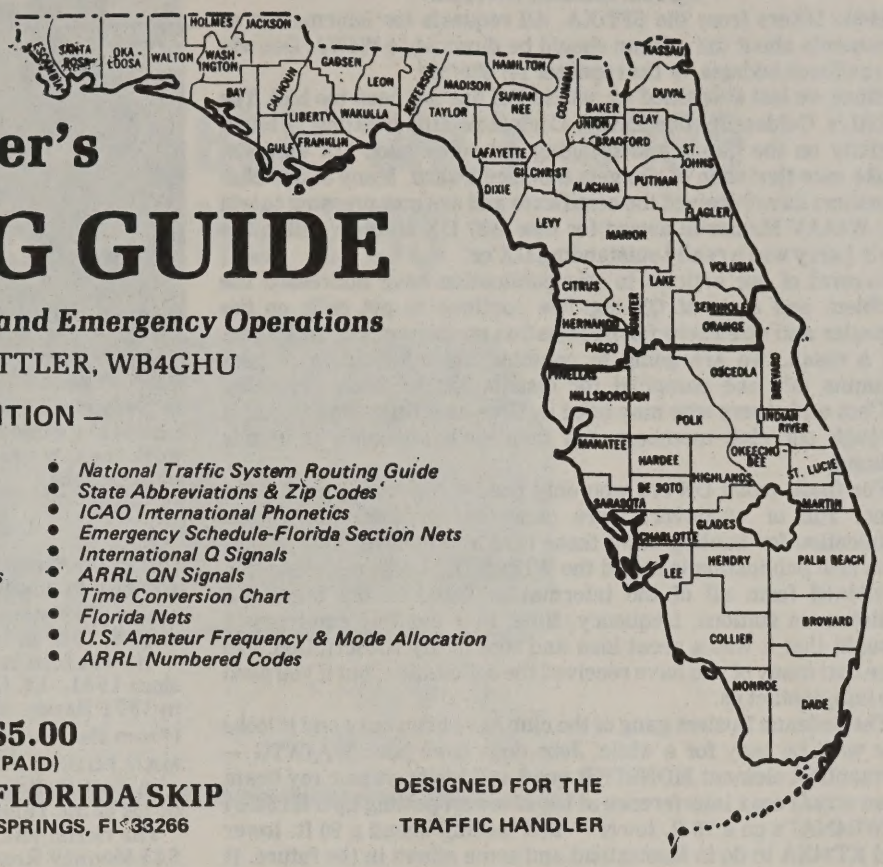
He flew in all types of aircraft, from World War I Bristol Fighters to jets, served three tours of duty in RAF Bomber Command and two tours in Washington DC. After leaving the Service, he became a Regional Vice President in Europe for Raytheon Company of Lexington, Mass., and finally retired to Florida in 1970.

He was a keen radio amateur with world-wide contacts and a member of various radio organizations, as well as a Life Member of the Royal Society of Arts in London. For many years in Deltona, Florida he ran his own consultancy business in the Electronics field, dealing mostly with companies wishing to export world-wide.

Author of "Between The Wars" published in May 1986 by Carlton Press, New York.

Survivors: wife Eileen of Deltona, one stepdaughter and two grandchildren of Kings Lynn, England.

Florida Traffic Handler's ROUTING GUIDE



A Manual for Your Traffic and Emergency Operations

EDITED BY RON METTLER, WB4GHU

— 6th EDITION —

CONTAINS:

- Table of Contents
- Florida City Abbreviations
- Cross-Reference of City/County
- Amateur Message Form
- U.S./Canadian Third Party Traffic Agreements
- Northern Florida Counties & Seats
- Southern Florida Counties & Seats
- Toll-Free Telephone Relay
- ARRL Precedences & Handling Instructions
- National Traffic System Routing Guide
- State Abbreviations & Zip Codes
- ICAO International Phonetics
- Emergency Schedule-Florida Section Nets
- International Q Signals
- ARRL QN Signals
- Time Conversion Chart
- Florida Nets
- U.S. Amateur Frequency & Mode Allocation
- ARRL Numbered Codes

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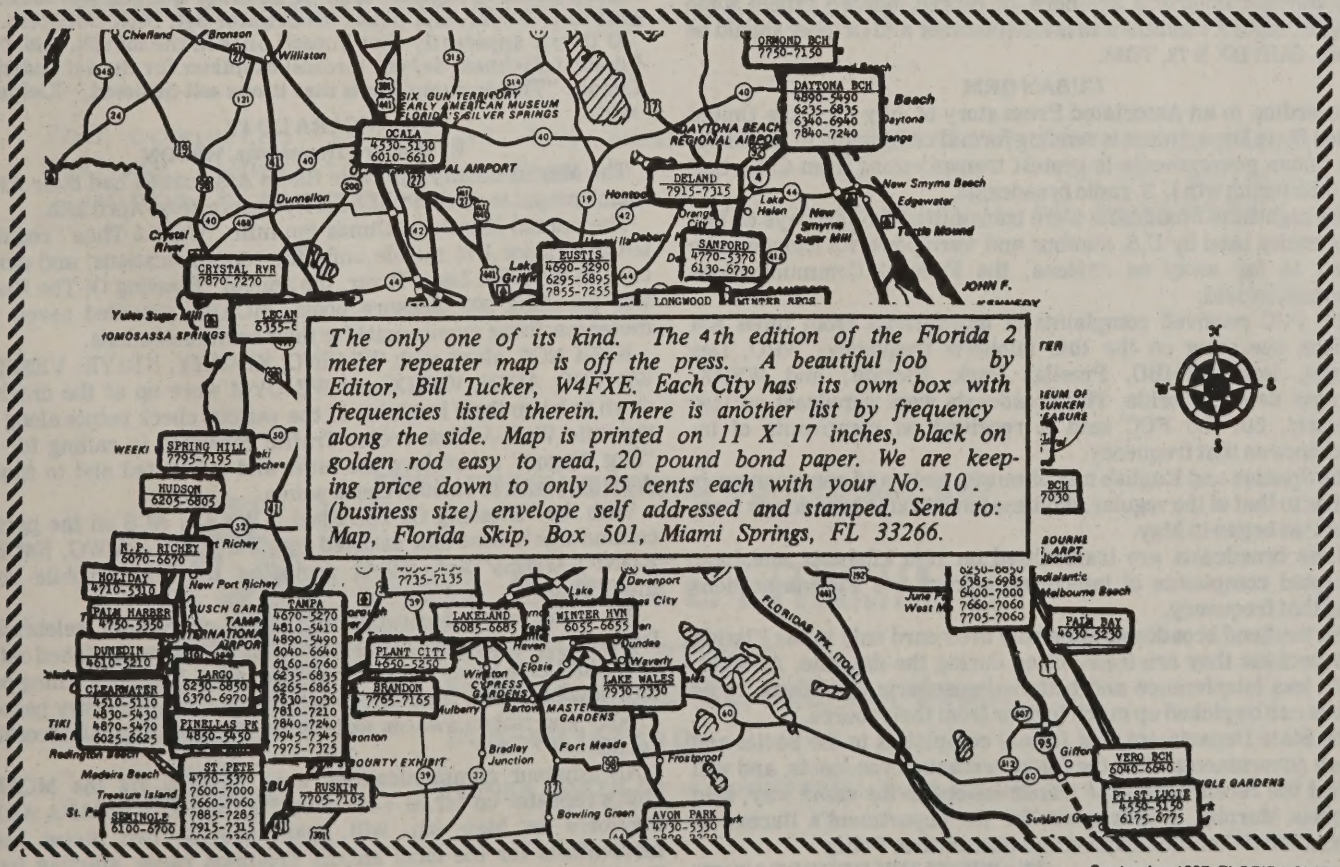


The only one of its kind. The 4th edition of the Florida 2 meter repeater map is off the press. A beautiful job by Editor, Bill Tucker, W4FXE. Each City has its own box with frequencies listed therein. There is another list by frequency along the side. Map is printed on 11 X 17 inches, black on golden rod easy to read, 20 pound bond paper. We are keeping price down to only 25 cents each with your No. 10. (business size) envelope self addressed and stamped. Send to: Map, Florida Skip, Box 501, Miami Springs, FL 33266.

DX IN FLORIDA

By Tom Mannix, WA4YLD

Hello DXers from the SFDXA. All requests for information or comments about the column should be directed to W4WJ, Don via the callbook address, or the repeater 147.930/330.

Since we last submitted an article DX has not been too bad. The ARRL's Golden Jubilee DXCC Contest is still creating a lot of activity on the bands and bringing out some good DX stations. Make sure that each of you gets this nice award. Many of our club members have received the certificate and are now pressing to win the W4AAV Memorial award for new 1987 DX stations within the club. Larry was a really outstanding DX'er.

Several of our articles in this publication have addressed the problem and costs of QSLing. We continue to get calls on the repeater and elsewhere for information on this activity of DXing. As a result, we are going to combine the information of past columns into one pamphlet for distribution to those beginning DX'ers and others who may need it. Give us a little time to edit it through our club members and then we'll announce it in this column.

For those jaded DX'ers who only need a few countries for the honor roll or whatever, there came to our attention a new publication for hunting down those rare and elusive DX stations. This new publication is called the W1TQS DX Locator. It lists in a combined form all of the information listed in the other DX bulletins on stations, frequency, time, in a monthly summary. I thought that it was a great idea and sent in my subscription. I'm sure that many of you have received the solicitation, but if you need the info, contact us.

The Antenna Busters gang of the club have been busy and it looks like we'll be busy for a while. Jobs done have been WA4WTG — dismantle 4 element MONSTER quad and tower, repair my beam from errant coax interference at top of tower, putting up a KT34XA at WB4MAI's on a 70 ft. tower — and looking ahead a 90 ft. tower and KT34XA to do in Homestead and some others in the future. It sure keeps us busy!

The sunspot numbers are slowly improving and there are spurts of good propagation in the morning and evening on the low bands. The summer doldrums are here, of course, but we expect some outstanding DX conditions in late September and October should be super. GUD DX & 73, TOM.

CUBAN QRM

According to an Associated Press story of July 23rd, the United States State Department is sending formal complaints to the Soviet and Cuban governments to protest transmissions from Cuba that are interfering wth U.S. radio broadcasts.

The nighttime broadcasts were transmitted for two days on two frequencies used by U.S. stations and were powerful enough to be heard as far away as Arizona, the Federal Communications Commission said.

The FCC received complaints of interference from three AM stations operating on the 1040 kilohertz frequency; WHO, Des Moines, Iowa; WHBO, Pinellas Park, Florida; and WYFX, Boynton Beach, Florida. The broadcasts were simulcast on 1160 kilohertz, but the FCC said it received no complaints of interference on that frequency.

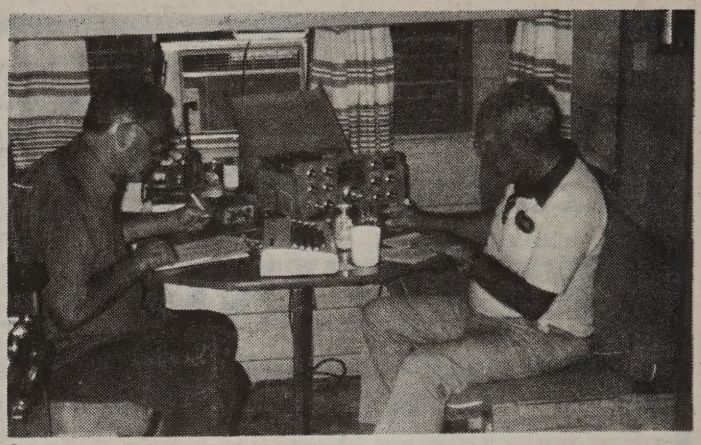
The Spanish and English mix of music, news and commentary is similar to that of the regular, daytime Soviet radio broadcasts from Cuba that began in May.

Those broadcasts are transmitted on 1040 kilohertz and have prompted complaints of interference from two Florida stations using that frequency.

The weekend broadcasts generally are heard only in the Florida area because they are transmitted during the daytime. At night, "with less interference and better atmospheric conditions, radio signals can be picked up much further from their source."

The State Department sent formal complaints to the Soviet and Cuban governments after the initial weekend broadcasts, and will protest the recent nighttime transmissions in the same way, said Nicholas Murphy, a spokesman for the department's Bureau of International Communications and Information Policy.

(The WESTLINK REPORT 8/7/87)



In Homestead the Everglades ARC had 3 trailers set-up with emergency generators. Here Chuck W4FWV (R) and Walt K4QE work the C.W. station. Watch QST for all field day scores in afew months. (Photo by N4PSA')

OBITUARES

(From the Playground Daily News Sat., August 8, 1987)

LT Col. Phillip W. O'Dwyer (WF4X) U. S. Air Force retired, age 68, 543 Mooney Rd., Ft. Walton Beach, Fla. died Thursday Aug. 6, 1987 at his home.

He was forn in Montgomery, Ala. and had lived in this area since 1961. Lt. Col. O'Dwyer retired from the U. S. Air Force in 1971 Having completed more than 30 years military service.

(From the same issue page 28.)

MAN FOUND DEAD; SUIDIDE SUSPECTED.

A Fort Walton Beach man was found dead in the back yard of his home Thursday afternoon, an apparent suicide.

The victim was identified by police as Phillip O'Dwyer, 68 of 543 Mooney Road. He had received a single gunshot wound to his head.

O'Dwyer's wife, Louise O'Dwyer, found the body about 2:30 p.m. behind the couple's one-story brick house, police and Ft. Walton Beach firefighters said. A 12-gauge shotgun was found next to O'Dwyer, said police investigator Sgt. Nick DeCaprio.

O'Dwyer apparently shot himself once in the mouth, said Dr. Edmund Kielman, deputy medical examiner for the 1st Judicial Circuit. "The presumption is that it was self-inflicted," Kielman said.

MCARA DO IT

By Howard Dennewitz, W9OQN

The Martin County Amateur Radio Association had their ARES members put to a real Public Service exercise on April 25th.

The annual March Of Dimes ten mile "Walk-A-Thon" required ten two meter FM mobile units for communications, and across town in the Saint Lucie River, the annual "Blessing Of The Fleet" was parading 200 pleasure boats. MCARA provided seven two meter maritime mobile units for their communications.

K4ZK NCS, along with WB4NNC, KB4RHY, KB1YK, VE3BDK, WB4VNC, AD4N, W8BIX and WB4OVM were up at the crack of dawn to be on their locations at the various check points along the ten mile Walk-A-Thon route. Traffic consisted in calling for the "Sag Wagon" to retrieve the lame and exhausted and to shuffle drinking water to various check points.

With the "Blessing Of The Fleet," W9OQN NCS on the parade commander's boat and assisted by: N4IWG, KA4MWG, K8UBV, KI4NF, W0HSV and KI4AI providing maritime mobile communications.

All boats were decorated in Disney characters celebrating Disney's 15th anniversary in Florida. The 200 boats stretched out on the Saint Lucie River for well over five miles. Each boat filing past a review boat with local clergy blessing the boats as they passed. Trophy and ribbon awards were given to most original decorated yachts.

All amateur communications were handled via the MCAEA club's repeater on 147.06 +600. Many of the above MCARA ARES members on May 9th, will again provide two meter communications for the local annual Triathlon races, starting from Fort Pierce and traveling down 14 miles to Stuart, Florida.

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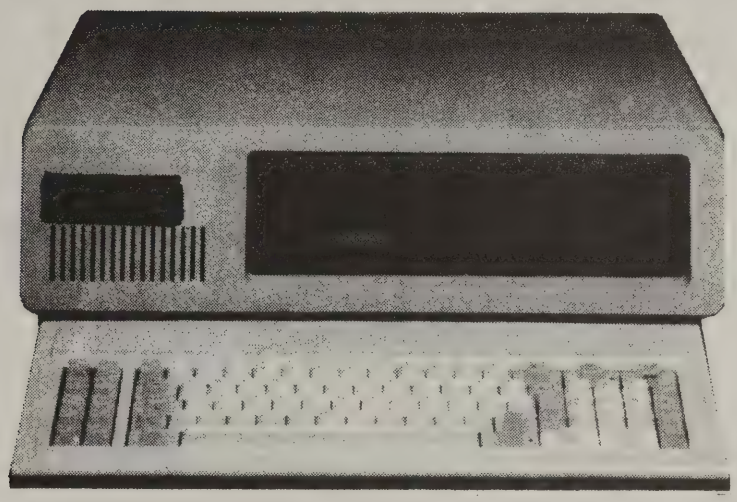

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THE FCC INFO PAGE

BOCA RATON AREA EXAMS

FCC exams are given by the IBM Radio Club at the IBM facility in Boca Raton. Exams are scheduled for the first Friday of the month at 5 P.M. Bring a photocopy of your license, positive I.D., and $4.35 to cover the testing fee. Contact Pete Brunet, WS4G, during working hours at 998-2512 for more details.

BROWARD COUNTY

CAVEC exams are held each month on the first Saturday at 8:45 A.M. and the third Thursday at 7:15 P.M. at the Racal-Milgo facility in Sunrise. The address is 1601 North Harrison Parkway. This is the SW corner of Sunrise Blvd. and N.W. 136th Ave., and is at the south end of the new Sawgrass Expressway. All exams are on a walk-in basis. Fee is $2.00 for all except Novice, which is free. Talk in is available on 145.27 (Tx-600). For additional info call Chip, AK4Y (H) 476-8761 or (W) 476-4763 or call Joe, KB4FO (H) 434-8211 or (W) 476-4567 in Broward, or during business hours from Dade 592-8600 extension 4321.

DADE COUNTY
AMATEUR RADIO EXAMINATION SCHEDULE

LOCATION: Dade County Emergency Opeations Center, 5600 S.W. 87th Avenue, Miami, FL 33165.

Examinations start at 9:00 A.M.. Sat., Sept. 12; Sat., Oct. 10; Sat., Nov. 14; Sat., Dec. 12, 1987. (Second Saturday of the month.) Tropical Hamboree, Dade County E.O.C., 5600 S.W. 87th Avenue, Miami, FL, Saturday, February 7, 1987 — 9:30 A.M. Walk-in examinations on test available basis. FCC Form 610, photocopy of license, positive I.D., $4.35 check payable to ARRL/VEC needed for exam. Mail FCC Forms and Check to: Bill Miller, N4EFQ, 9910 Collins Avenue, Bal Harbour, FL 33154.

Call for further information: Ron Bell, WN4L, 247-2944 after 6 p.m.

DUNEDIN TAMPA BAY AREA

W5YI Coordinated Amateur Radio Exams conducted by the DARA V.E. Testing Team, the first Monday of each month, at 7 p.m.(EXCEPTION: Sept. tests will be held Sept. 14th.(at the Dunedin High School, Foreign Language Building, No. 99, 1651 Pinehurst Road. Bring original and copy of license, positive identification and $4.35 fee.

Talk-in freq. 145.210 or 145.310. Walk in will be accepted. Info from KI4MO, AA4XI, or write DARA, P.O. Box 1851, Dunedin, FL 34698.

FORT MYERS FCC EXAMS

The upcoming FCC Exam Schedule sponsored by the Ft. Myers ARC (ARRL-VEC) is as follows:

Sept. 19, 1987
Nov. 21, 1987

Contact Bob Strathy, WV4F, 5428 Brandy Circle S.W., Fort Myers, FL 33907 (SASE) or phone (813) 481-4880 for further information.

JACKSONVILLE FCC EXAM

FCC exams will be offered by theNOFARS-CAVEC VE's in Jacksonville, FL at Ed White High School at 6 P.M., 1700 Old Midleburg Rd. on 14 May and 12 November 1987 and also at the Greater Jacksonville HAMFEST on Saturday afternoon, 1 August 1987 at 1 P.M. Bring photocopy of your license, original of any Code/written Credits, $4.00, and positive photo ID. For additional info contact Pete Nissen, W4PTT, 7825 Ll Trec Dr., Jacksonville, FL 32221-6739 (SASE) or phone 904-781-0972.

NORTHWEST FLORIDA EXAMS — CRESTVIEW

FCC exams are given the second Saturday of each third month, at 9:00 A.M. Local, at the Council on Aging Building, 298 S. Wilson St., Crestview, FL. Fees $2.00, walk-ins welcome. Free Coffee, 610's on hand. Plenty of rag-chewing, talk-in on 147.36 - WB4CDR/Rpt. Bring Copy of license and an I.D. with picture (e.g. Driver's License.) More infor: WB4ORK/CVE, Rt. 1, Box 189 CF, Crestview, FL 32536.

LAKELAND

ARRL Volunteer Exams will be held at 10:00 a.m., Saturday, November 7, 1987 at the American Red Cross building, 1815 Gilmore St., Lakeland, FL. Novice exams are free: all others are $4.35 (checks made payable to ARRL/VEC.) Candidates must present their original Amateur Radio license (if any) before testing. A photocopy is also necessary to forward with exam papers. Walk-ins will be accepted but prior registration will be appreciated with Bruce Britt, N4NGP, 4659 Dossey Road, Lakeland, FL 33811, 813/646-3120. FCC Form 610 is available for a S.A.S.E.

OCALA

W5YI Exams are held each month on the last Saturday at 10 a.m. at the H.R.S. Building, 2210 South Pine Avenue, Ocala, FL (directly behind JobFinders Office Bldg.). All exams are on a walk-in basis. Fee is $4.35. Novice tests free. Talk-in is available on 145.13 (TX-600) or contact Jerry K4UBR 629-6049 or Terry N4NWN 351-0469.

ORLANDO AREA

FCC exams for all classes of licenses will be given at The First Presbyterian Church of Maitland at 9:00 A.M., Saturday, September 12, 1987. These tests will be offered thru the ARRL/VEC program and will cost $4.35. Please have a check in that amount, payable to ARRL/VEC, your original license and any CSCE's as well as copies of them to attach to 610 forms, and two types of ID with you at check-in time. The Church is located on the NW corner of 17-92 and George Street, one block North of Horatio Ave. Contact Roy Mackey, N4ADI at 644-5905 if you have any questions.

PASCO-HERNANDO-CITRUS VE COUNCIL

The next area ARRL/VEC session is scheduled for Saturday September 19 at 9 A.M. This exam is sponsored by the SKY-HIGH ARC of Citrus County and will be held at the Civil Defense Office in the Courthouse at Inverness. Walk-ins accepted. CONTACT/LIAISON person is Phil Partee, W4ABI, 80 Sycamore Circle (Sugar Mill Woods), Homosassa, FL 904-382-2675. Needed is: Completed FCC Form 610, copy of license, ID's, check for $4.35 payable to ARRL/VEC and any necessary CSCE's for code or written elements.

On October 19, 1987 CLOVER LEAF ARC is sponsoring a session with ARRL as VEC. Monday 6:30 P.M. Site will be either at CLOVER LEAF OR across the road at one of the school buildings. We're working on it! Contact/Liaison is: Regis Kramer W4ILE. 900-2032 U.S. 41 N., Brooksville, FL 34601. Phone 904-796-6802. Preregistration requested with deadline a week before exam date. Call me for a 610. 73, Regis - W4ILE.

HAM CLASSES

Am presently Presidentof the Indian River Amateur Radio Club in Central Brevard. We are about 233 members and still going strong. We are also running Ham Classes at Merritt Island High School Mon. and Wed. nites. We have a fine group of students from 10 to 75 years of age and they are coming along fine. And they are coming along great.

73, JOE WA4MMD

WEST PALM BEACH

The Palm Beach Amateur Radio Council, Inc., is giving Amateur Radio License Tests on each 3rd Saturday of each month, at Palm Beach Junior College, 4200 Congress Avenue, Lake Worth, Florida, Room - Criminal Justice 101, at 9:00 AM. The tests are given under the ARRL-VEC and currently cost $4.35. Walk-ins permitted on an materials available basis. Pre-registration strongly advised, except for code testing. Next tests June 20, July 18, August 15, September 19, October 17, November 21 (may be at South Florida Fair Grounds), and December 19, 1987. —73 KG4U.

AMATEUR CLASSES

Hollywood Radio Club is sponsoring amateur radio classe starting Oct. 21 and end Dec 23rd. At conclusion of course an exam will be administored by two volunter examiners. The exam will consist of Morse code at a rate of 5 WPM and written test on Rules & FCC regulations, Theory & operations. NOVICE CLASS Oct. 21st - 7 to 9 PM each Wed. for 10 weeks at St. James Church in Hollywood. Fee $20. per student. Delay from Tom WB4CKY.

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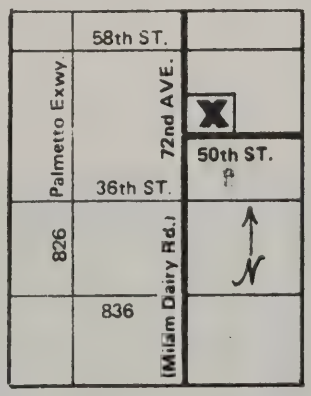

EQUIPMENT MODIFICATION COMPENDIUM

By Jan Zusko, N4MEI

As a service to our many, technically "fearless" subscribers, we would like to compile a compendium of hardware modifications and repair notes on the more popular brands of HF and VHF equipment.

There is a wealth of information out there that could benefit the experimenter and do-it-yourself community if we could just get the information in a central location. The Florida Skip is certainly a good place to assemble the information and get the word out in form of an index of what's been submitted. We can then make the detailed information available for merely the cost of postage and handling. Perhaps we can even print a short article on one of general interest each month.

Some ideas that come to mind are the modifications for extended frequency coverage on the various hand-helds or improvements to the notch filter on the TS-430. If you've run across these or others, or even developed some of your own, why not share them with our readers. As an incentive, we will offer a free one-year subscription to the person submitting the most (non-repeated) articles in September.

Let's have your comments to Box 501, Miami Springs, FL 33266.

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~~ADVANCED RESEARCH~~	~~VDG 144V~~	~~2 M PREAMP~~	~~?~~
~~AZDEN~~	~~2000~~	~~2 M MOBILE~~	~~?~~
AZDEN	PCS-4000	2 M MOBILE	200540
AZDEN	PCS-4000	2 M MOBILE	202660
BIRD	43	WATT METER	111008
BIRD	43	WATT METER	?
FLORIDA	CUSTOM TAG	LICENSE PLATE	WB4KSD
ICOM	02-AT	2 M HAND-HELD	34872
ICOM	22-S	2 M MOBILE	?
ICOM	25A	2 M MOBILE	14510525
KANTRONICS	TNC-1	PACKETT TNC	49504
KENWOOD	SP-100	SPEAKER	?
KENWOOD	TM-211A	2 M MOBILE	5101179
KENWOOD	TM-2550A	2 M MOBILE	6060616
KENWOOD	TW-4000	2 M/440 MOBILE	3121204
~~MICROWAVE MODULE~~	~~MML 144200S~~	~~2 M LINEAR~~	~~?~~
TRIPPLITE	40 AMP	DC SUPPLY	?
YAESU	FT-227R	2 M MOBILE	?

A Tempo 2 meter hand-held has been found and being held by local official in Miami. If you are the owner and can provide the serial number and proof of ownership, please call the HOTLINE above. This item will be held for approximately 6 months before disposal.- 73 Jan N4MEI.

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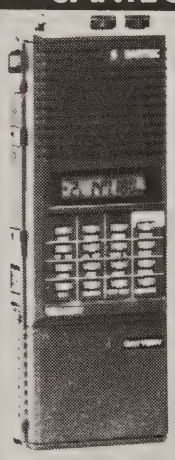

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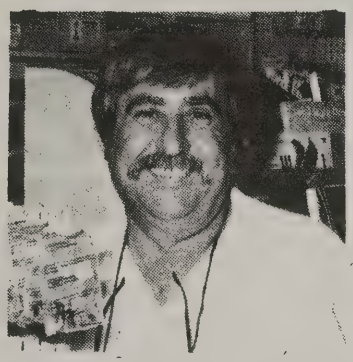

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RUSSIAN SATELLITE UPDATE

RS-10 and RS-11 were launched at 0724 on June 23rd. The primary payload is COSMOS 1861 a navigation transponder. RS-10 and RS-11 share the spacecraft with the primary payload. They share power and other support from the overall spacecraft system. There is thus but one spacecraft populated by at least three payloads; RS-10, RS-11, COSMOS 1861.

RS-10 and RS-11 are, according to current information identical except with regard to frequency. Each uses 3 bands in various combinations to achieve 5 distinct modes of operation in addition to its auxiliary ROBOT repeaters.

Transponder power outputs are 5 watts! These birds should be very loud. No operating schedule has thus far been announced. There is some concern that the primary payload COSMOS 1861 which has a 150 MHz downlink signal is interfering with the 2 mtr. receivers on the Amateur Satellites. This makes it probable that modes K and T will be the modes of choice since mode A (2 mtrs. to 10 mtrs.) uses the 2 mtrs. on-board receivers. We will have to wait and see how it goes.

The desired orbit was attained very precisely. The nodel period is 105.0245 minutes, the orbital increment is 26.3824 degrees west per orbit. Average height above Earth is close to 1000 km (621 miles). This puts the satellite well below the Van Allen radiation belts contributing to longer lifespan and stable orbit for years to come. It also means that when you are operating thru the birds you must make some fast tracking with your antennas.

At this point operating is on a hit or miss mode. An operating schedule should be forthcoming in the near future.

Good Luck Walt W4DWN—Amsat.

The following are the frequencies for the two new RS's:

RS-10

MODE	UPLINK BAND	DOWNLINK BAND
K	21.160-21.200	29.360-29.400
T	21.160-21.200	145.86-145.900
A	145.860-145.900	29.360-29.400
KT	21.260-21.200	29.360-29.400 and 145.860-145.900
KA	21.260-21.200 and 145.860-145.900	29.360-29.400

Beacons: 29.357, 29.403, 145.857 and 145.903 MHZ
The RS-10 ROBOT uplinks are 21.120 and 145.820 MHZ
Listen to Beacons for downlink.

RS-11

MODE	UPLINK BAND	DOWNLINK BAND
K	21.210-21.250	29.410-29.450
T	21.210-21.250	145.910-145.950
A	145.910-145.950	29.410-29.450
KT	21.210-21.250	29.410-29.450 and 145.910-145.950
KA	21.210-21.250 and 145.910-145.950	29.410-29.450

Beacons: 29.407, 29.453, 145.907 and 145.953 MHZ
The RS-11 ROBOT uplinks are 21.130 and 145.953 MHZ.
Downlink via Beacon frequency.
CW and SSB ONLY! (Courtesy Amsat ASR Newsletter)

TECH MEMOS

In the world of Amateur repeaters and FM transmissions we have developed a jargon that is interesting and different from the jargon used for other modes of radio transmissions. This month we are going to define some of the more commonly used special terms.

Autopatch — A device for connecting the repeater with the telephone lines.

Carrier Tail — The repeater transmitter carrier that is present for a few seconds after the input carrier to the repeater is dropped.

Closed Repeater — A repeater financially supported and maintained by a group of Amateurs for their own use. Use by non-group members is usually not welcome.

COR — Carrier-operated relay. This device is used to turn the repeater transmitter on and off at the beginning and end of transmissions being received on the input frequency.

Cross Link — The interconnection of two repeaters or the connection of a remote receiver with the repeater transmitter.

Broward amateurs get "air time" on AM Radio station WWHR in Ft. Lauderdale. They discussed various aspects of Amateur Radio. L to R: Bob Sternberg AA4EE, Jim Lynch KA4YHS, Laura Magiera WA9VND and Monte Migdol N4LLZ. Nice job gang! Do it again.

CTCSS — Continuous tone-coded squelch system. A continuous subaudible tone must be transmitted along with the audio in order to activate the repeater. The repeater receiver will ignore all input carriers not containing the proper subaudible tone.

Deviation — The amount that the frequency is shifted either above or below the carrier frequency. For 2-meter FM the standard deviation is 5KHz. If your deviation is low you will sound like you are speaking too softly. If it is over 5KHz you will sound loud and distorted.

Duplexer — A device that allows a repeater receiver and transmitter to simultaneously use the same antenna and feed line.

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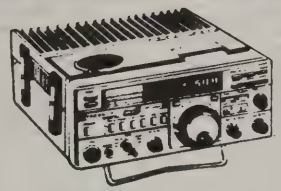

YAESU FT-757GX
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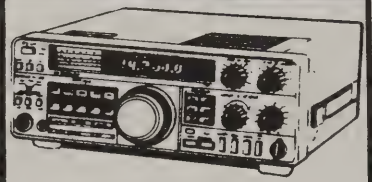
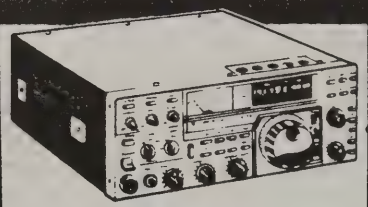


KENWOOD TS-440S
HF transceiver.



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Quarter Century Wireless Association

FLORIDA STATE QCWA NEWS

Edited by Eli Nannis, K4JMH

Not much news from Texas. Don't forget to send in for the new QCWA membership forms. The next QCWA national convention in San Diego is looking good. See the summer edition of the QCWA NEWS for a registration form. The QCWA Sunday net on 7253 KHz at 12:30 p.m. is still struggling along, but conditions are getting better and more stations are being heard. K2SN and W4NWF are doing a fine job at net control. How about checking in.

SUNCOAST CHAPTER: At an informal summer get-together of the Suncoast chapter on July 1st at the Trolley Station Restaurant in Sarasota, those present were informed that we no longer can hold our meetings at Davey's Restaurant. We enjoyed meeting there for many years on the 1st Wednesday of each month, but I guess we ate too much as it closed its doors for an indefinite period. President Willig W8ACE and Bob Siff K4AMG have found a new home. It is the House of Chong Restaurant on the Tamiamia Trail, Sarasota. We also changed our meeting time to the 1st Thursday of each month beginning in October. The price is $6.00. Plans are also being formulated for the Sarasota Hamfest on Saturday, Feb. 20th, 1988. Our last informal meeting will be at the Trolley Station on Sept. 2nd.

—Reported by Mary Ryden K8ONV

SPACEPORT CHAPTER: Twenty members and guests attended our July 11th meeting at the Cocoa Beach Holiday Inn. Don McLenon N4IN advised that the August 29th QCWA Luncheon at the Melbourne Hamfest will be at Makotos Steakhouse, Ramada Riverfront Inn. The time will be 11:30 a.m. and price is $7.00. It was voted to buy a new QCWA banner from HQ for $50.00. Our guest speaker was chapter member Bill Vissers K4KI who delighted the group with a humorous presentation titled "What is a Ham." He also displayed and operated a Ford spark coil transmitter which paralyzed the room's PA system and knocked out the hotel's cable TV.

—Reported by Spencer Allen K0REC

PELICAN CHAPTER: It may be hot in the summertime in sunny St. Pete and half of the membership are enjoying the cool breezes of the North country, but when the old dinner bell rings, the remaining members respond. The Breakfast at Granny's on the 1st Wednesday of each month continues to be very popular with our membership. All QCWA members are invited to check in on our 2 meter net on Sat. at 10:00 a.m. on 06/66 Repeater. Our President Phil Stern WA4ZVO has just returned from a long trip up north.

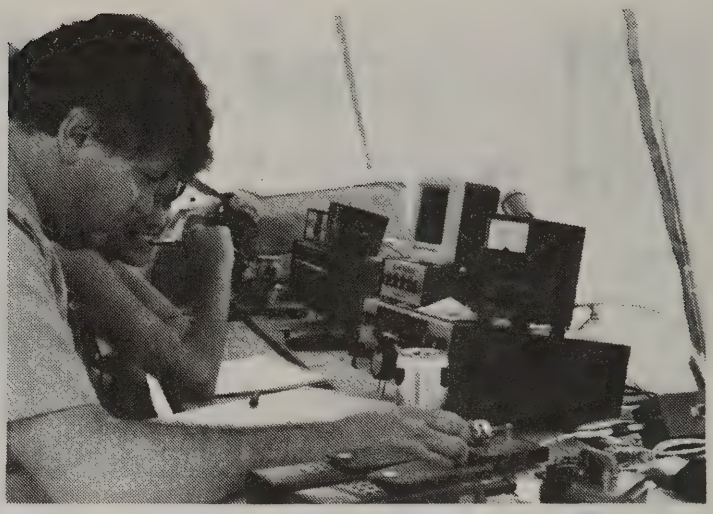
—Reported by Don Bice W4PCO

GATOR CHAPTER: We held an informal meeting on July 4th with 31 members and guests in attendance. Since we have been meeting at Stacey's Buffet, our members are rapidly putting on weight. The food is great and plenty of it. Our former President Ralph Barr W0DNO and his XYL attended this meeting. Ralph now lives somewhere out West. We had a number of physical problems with our members. John Peterson W4WDV is now living in a nursing home; Paul W1DLP and his XYL both had the flu; Tinney W4WL XYL hurt her back; Tom K4IJC had a pinched nerve; Tom VE3PDJ was very sick at his home in Canada and my wife fell and broke her wrist and the whole arm is in a cast. Paul W1DPL was appointed chairman of our Sunshine committee (we sure need one). Hal W4OIN net control of our 2 meter net 37/97 repeater advised that more stations are getting on. It operates every Sat. at 9 A.M.

—Reported by Eli Nannis K4JMH

NOTICE QCWA - OOTC

The State QCWA OOTC 40 meter CW net has been cancelled according to Bill Waldo, W4PI of Orlando. Bill says the Wednesday afternoon conditions on 40 CW are just about impossible. Watch this column for start-up news later this year.



Out on the beach Lance DiNonno WR4M and with daughter Ann Marie loggin' the South Florida Hamsters Field Day is off to a good start. How was your Field Day ? Please let us know. (Photo by N4FL.)

KNIGHTS OF THE KILOCYCLE

"World's longest running phone net"

By Phil McMasters, W4BCZ

W4AYD Earl missed the first August Net but was not marked absent as he was having an eyeball QSL with the TEN TENERS in Shreveport. A HAMFEST for purposes of keeping his place on the roll.

W4BIN mobile has gone on a trip to find cool weather. He is not cool yet but still can make it to the Master Oscillator each week. W4TZ Creed, Our Senior member at Ninety has recovered from that mean old FLU bug that got a lot of us and Hung on. The YF too. They had a welcome visit from a daughter too.

W4UKA George had a trip to Illinois which was less than pleasant, as he took YF Helen to her funeral. No services in Ocala. W4KOH Ernestine had a stay in Walker Hospital, Avon Park and again was able to beat congestive cardiac failure. She says no more new cars bought in her name. She had 61 round trips to Avon Park on the first one, bought on a "Mother's Day" (A HONDA WAGON). Then I bought her a Colt Vista to replace a 4-Dr. Colt on last Father's Day, and I used it as her ambulance for this last visit. As long as we keep going at seventy eight, I will keep her in new cars, Lord willing.

Remember anyone who can tune to 3910 KILOCYCLES on Sunday morning at 7:30 for five consecutive times can be initiated into this fine group of Knights and Ladies. Certificate, Get Well Cards, Birthday and Anniversary date reminders and no dues. (WORLD'S BEST BARGAIN). Listen for you next week. 73.

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LAKE WORTH, FL 33460

CUTOFF DATE: OCTOBER 31, 1987

THANK YOU !

TWO - DAY TICKETS

Advance: $3.00
At Door: $4.00

TWO - DAY TABLES

Advance: $12.00
(Limited: 4 per person)
(FRIDAY NIGHT SET-UP)

TWO - DAY TAILGATE AREA

$5.00 Per Space
(Amateur Radio or Computer Related, Only)

RV SPACES

$10.00 per Night

RATE CARD INFO. HAMBAR service of electronic equipment ONLY is available to all subscribers, amateurs and non-amateur at the rate of 10cents per word, which includes address, call sign, etc. Minimum charge for any HAMBAR is $3.00. All commercial and non-subscribers rate is 15 cents per word. Minimum charge of $5.00 for each HAMBAR. No reruns. Each HAMBAR must be resubmitted each month. No ad will be published unless accompanied by full remittance! We require all HAMBAR ads contain the full mailing address, call sign and the ZIP, Area-phone number, if any. Make it EASY for person wanting to buy YOUR equipment. No HAMBARS via telephone! COMMERCIAL DISPLAY. Full Page $120.00. Half Page $75.00, 1/4 Page $55.00 and 1/8 Page $36.00. CAMERA READY. Lay-out, make-up, typeset fee is extra according to size of ad and typset required for same. DEADLINE for all Hambars and ads, 8th of each month in P.O. Box 501, Miami Springs, FL 33266. Normal mailing date 25th of each month. Thank you for your cooperation. Editor.

WANTED: Any information relating the beginning of QFN, the All Florida C.W. traffic net. Also need bulletins, memo's experiences, rememberances, call signs, old hands involved in QFN from the beginning. I have bulletins from 72-81 from N4ET. I need older info. Old calls K4EHY and WA4BGW. Please reply. Doc Kagan WA4 HDH, 1362 Plumosa Dr., Ft. Myers, FL 33901 813 334-0531 or QSO me on QFN 3651 kHz 7 or 10 PM daily

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NOTE: When sending in HAMBARS (HAM BARGINS) PLEASE include your full name, call, mailing address and phone numbers! Make it easy for the buyer to reach you. We must have all the above in each HAMBAR!

FOR SALE: E Z WAY 3 section 60 ft. steel tower with wonder tilt-over ground post support with cables. Requires no concrete. Two coats of aluminum rust-oleum -paint. Looks beautiful. Ross Akre W4ZZZ, 6121 SW 82 Ave., Miami, FL 33143 305 271-9292.

GREAT CIRCLE bearing to 700+ world cities or 500+ U.S. cities customized from your QTH. Well thought out data format makes great DX or WAS operating aid $5.00 in I includes P&H to Marty Young WB4OAR, 1856 Holly Blvd. Deland, FL 32720 (specify "US" or "world" Cities.)

WANTED: Need Gonset VHF receiver model 3156-B 108-132 MHz. diagram and tune-up procedure. Will pay for book or copy of same. Ard y Clark, W4IYT. 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

WANTED: Ground post for Easy Way tower model RBS-40. Earl Carter W4EU, 7441 Brenel Dr., Concord, OH 44060 216 352-4514.

FOR SALE: Wonder ground post for EZ WAY RBX-50 tower, pick up only $250.40 meter add-on for Wilson 33 or 36 beams $15. Douglas McDuff WB4MAI, 10380 SW 112 St., Miami, FL 33176 305 447-0733 (H) 305 253-2318.

AEA CPI, TI99A, Kantronics Hamsoft, Heath scope must sell. Good RTTY set-up for health reasons. Make offer. F. H. Cherepow K4JRY, 14960 Firestone Cir., Orlando, FL 32826 305 282-3507.

FOR SALE: Tektroniz 321A portable scope $100. Tektronix storage scope in need of repair $200. 6 position antenna switch $10. Antenna bridge by MFJ $35. Triple output deluze power supply + or - 12 to 20 volts at 3 amps and 5.0 volts at 25 amps. $100. Harry Campbell WA4-UAH, 30 Woodhaven Road, Springhill, FL 34610 904 799-3897.

FOR SALE: Hy-gain 4-element, 20 meter beam, model 204BA $75.00 Hy-Gain 3 element 10 and 15 meter beam, model DB-1015A $50. AEA computer patch model CP-1 with Hamsoft code/RTTY/ASCII, TNX/REC for TRS-80C $175. Pat Paris WD4LXN, 6428 Undine Way, Orlando, FL 32818 305 298-9424.

FOR SALE: Ten-Tec transceiver model 540 with power supply (has VOX model 244 digital readout and mic. Also MFJ telepatch II phone patch, model 207 AMMETER. All for $350 FIRM!! Please call Dick McKee WD8RHN, 2625 SW Monterrey Ln., Port St. Lucie, FL 33453 305 - 878-1712.

SUPERFAST MORSE CODE SUPEREASY. Subliminal cassette $10.00 LEARN MORSE CODE IN 1 HOUR. Amazing new supereasy technique. $10. Both $17. Money back guarantee. Free Catalog: SASE. Bahr, 2549-FS4. Temple, Palmbay, FL 32905.

FOR SALE: PALOMAR tuner-tuner model PT-340 $50. MFJ-1270B TNC 2 packet radio, MFJ TNC tuning indicator model MFJ-1273, and MFJ-TNC2 Starter package, three units sold together $150. All above new and never used with manuals. Shipping charges $2.50. Ray Goode W3SUA, 4125 NE 28th Terr., Ocala, FL 32670 904 622-9575.

FOR SALE: Complete Apple II plus system: Apple II plus computer with additional 16K RAM card, two 5.25" disk drives with controllers, Apple III monitor, Hayes Micro Modem IIe with Smatcom II woftware, Epson MX-80 printer, grappler plus printer interface, detached keyboard with function and numeric keypad, Ultraterm video display card $625.00 plus UPS. John Mitchell N4OYK, 14950-D SW 49 Ln., Miami, FL 33185 305 221-4422.

SELL: COLLINS 75S1 receiver, manual $135. Realistic DX-160 30 thru . 15MHz receiver, speaker $75. Dentron AT-3Kw tuner, power, SWR meter $125. Panasonic RF-2800 AM/FM/SW, digital readout $95. Al Canning WB4HAK, 6 Camellia Dr., DeBary, FL 32713 306 668-8437 after August 28th.

FOR SALE: IC-745, fine condition $625. cash. Bullet 15 amp, 12Vpwr supply $35. cash. Prices plus shipping. A. West W4SDC, 6834 High Ridge Road, Lantana, FL 33462 305 588-2878.

TOO MANY FAILURES ARE TRACED TO . LACK OF PERISTANCE AND NOT LACK OF TALLENT OR ABILITY. . . .

FOR SALE: SETATE EQUIPMENT: Kenwood TS-520SE very clean with manual $325. Mic puch to talk for TS-520SE $15 base stand. Swan 700CX with Swan 117XC power supply and manual $210. Collins 32S1 transmitter and Collins 516-F2 with manual. Very Clean units. Hammar-lund HQ 180 general coverage and amateur band, looks new (beleive me) with manual $95. Viking I CW/AM 150 Watts, clean, needs work $60. Heathkit VHF/UHF SWR meter model 2102 $30. Heathkit HM-102 HF SWR meter $28. B&W phone patc $12. Electro-Voice SSB PTT mike model 638 $19. Other Xtal mikes $5. each. YEASU FL2100B amp very clean with manual $325. National Super Pro HRO 60 with four sets of coils, very clean (no ship) $85. All above items plus UPS. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

AZDEN REPAIRS by former factory technician. Fast turnaround. PCS-300 NiCads $34.95. Southern Technologies Amateur Radio, Inc. 10715 SW 190 St. No. 9, Miami, FL 33157 305 238-3327.

NOTICE: DON'T FORGET OUR DEADLINE FOR ALL COPY IS THE 10th OF EACH MONTH'. WE CAN TAKE HAMBARS UP TO THE 15th BUT MUST BE IN BOX 501, MIAMI SPRINGS FL 33266. NOTHING VIA TELEPHONE ! !

ONE OF THE FIRST THINGS A COLLEGE GRAD DISCOVERS IS THAT JOBS ARE HANDED OUT BY SOMEONE WHO THINKS AND ACTS A LOT HIS FATHER.

WANNA sell that old rig SOUTHERN TECHNOLOGIES AMATEUR RADIO, INC. needs your old gear for consignmen sale. Radios, Amps, antennas, computers, drives, etc. 10715 SW 190 St. No. 9, Miami, FL 33157 305 238-3327.

REPITION ENGRAVES YOUR THOUGHTS UPON THE SUBCONSCIOUS MIND. . .. . . .

COMMODORE REPAIRS fast, expert service on computers, drives, etc. New & used equipment, consignment sales. Southern Technologies Amateur Radio, Inc. 10715 SW 190 St. No. 9, Miami, FL 33157 305 238-3327

Sell: HG-54-4D heavy duty 54 ft tower, 18 months new. AES price $2089 Your price less base $900. B&W 1.8 - 30 MHz ant. regular $145. your price $75. call Don Gies K4GIT, days 305 625-0461 after 6 PM 987-2767 address 3120 Hallandale Beach Blvd. Hallandale, FL 33009. Tower is loacted near Jacksonville, FL.

SELL: TEMPO 2020 SSB/CW transceiver, external VFO 8010 and spkr. Complete with manuals and original cartons. Sell as a package only $500. Alex Kasevich VP2MM 2756 NE 14th Sg., Ft. Lauderdale, FL 33304 305 564-4327.

SALE: Hi-Gain aluminum tower crank-up model - rotator TR-3 antenna cables $900., like new. Rev. C. Hudak, St. Sebastian Church, Ft. Lauderdale, FL 33316 305 524-9344.

ON HIS GOLDEN ANNIVERSARY, A MAN WAS ASKED HIS SECRET FOR MARITAL HAPPINESS. HE REPLIED: "WE'VE NEVER HAD AN ARGUMENT....THAT I HAVE WON."

THE PRICE OF SUCCESS IS PERSISTANCE. THERE IS NO LOWER PRICE . . . . . .

WANTED: Memory base BO-9 for kenwood TR-9000. Norm Odell KC4KN P. O. Box 102, Long Lake, NY 12847 518-624-5533.

FOR SALE REGENCY VHF-FM business radio 150-162 MHz (xtal 151. 734) now installed 4-BTH 201 M obile 20W, mike, ant. 1 - BTH 201 B base unit 25 W with mike. 1- BAH 100 R.F. Amp 100 W. Complete$600. Exc. condx. QSTs 1965 to 87. FLORIDA SKIP 1965 to 87 make offers. Hallicrafters SR-150 and SR-400 HA-20 VFO best offer. Henry J. Herot AA4XT, 1922 Ocala Rd., Juno, FL 33408 305 626-3122.

FOR SALE: ICOM IC2AT handle talkie with BC-35 charger in fine condition, price $150. Wm. Abrahams K4HBR, 1600 S. Ocean Dr. Hollywood, FL 33019 305 920-8580.

SELL: Mint monitorscope SM-220 with BS 8-250 plus UPS. SB-220 mint $450. No Ship. 3 Hallicrafter transverters one 6-2-2 meters two power supplies one H.B. $150 for all. Dick Raustad W4FBS, 143 Dogwood Trail, Leesburg, FL 32748 904 728-2396.

LEADERS THINK. THEY THINK BECAUSE THEY ARE LEADERS. THEY ARE LEADERS BECAUSE THEY THING. . . . .

WANTED: Collins receiver 51J4 - 51J3 or military R-388 in any condx. Reasonable price for sentimental reasons. Also the service book or copy. Steeve WN4I, 5833 Dryden Rd. West Palm Beach, FL 33415 305 689-8819.

ROHN HBX-40 tower, Hustler 3-TRA 10-15-20 tribander Alliance U-100 rotor. Up and working. A bargain at $250. I'll help, but you take down. Sharon Estep N4JCK, 798 Royal Palm Dr., Kissimmee, FL 32743 305 - 348-4342.

SELL: SWAN 250 (6 meters) and Swan 350 (low bands) with P.S. and mike - no ship. $200. John (Buck) Iles W4OZT, 9523 Chris St., Hudson, FL 34669 813 868-8450.

GREAT PICKENS: Remember us: Used gear is our business. ICOM: IC-7000 Sur. rcvr. $850. R71A rcvr $800. KENWOOD: TS830S, $650.00. TS820S, $495. TS-520S, $350, TS-530S, $549. TEN-TEC OMNI D Xcvr with pow sup. $395. Argonaut, (QRP) $349. Century 21 Xcvr, $175.00 YAESU: FT-102, $675. SP-102, $79. SP-107, $79. HEATH: HW-8 QRP, $95. AT-2040, $150. WANTED: DRAKE C-4 console. Tony Musero K3UKW, 1609 So. Iseminger St., Phila. PA 19148 215 271-8898.

IF YOU WANT TO KEEP OUT OD DEBT YOU MUST EARN MORE THAN YOU YEARN. W4ZGG

WANTED: Your old 50's & 60's equipment. E. F. Johnson: Ranger, Valiant & SSB adapter, 500 or Navigator, Collins: KWS-1 75A-4 32V-2&3 Hallicrafters: SX115 or SX-101. Must be clean & original. Cash price paid. Larry Moldauer WA2PZI, 29 Sheryl Dr., Edison, NJ 08820 201 388-9280

FOR SALE: KENWOOD TR 2500, PB-25 - PB25H wall charger, AC/DC supply 8.4-10.5 VDC rubber duck ant. $175. Charles Schaff K4JLK, 6902 Sebastian Rd., Ft. Pierce, FL 34951 305 461-6741.

The Alachua Sheriff's office has 55 VHF 2 and 3 channel portable radio units available for sale as surplus property. Radios are in excellent condition and include the radio, vehicle charger and vehicle repeater. For information, contact Mitch Hudson, Alachua Co. Sheriffs Office, P.O. Box 1210, Gainesville, FL 32602 904 378-1641 ext 306 - WA4LVW

PLEASE do not reun my HAMBAR for a Wire Recorder. I got 4 from my last months ad. Great response!! Bill Selover., St. Augustine, FL.

TRANSCEIBER WANTED: Need transcripton machine. (A tape player used to the typing of letters and books from tape recordings. Must use standard sized audio cassette tapes - complete with headphones and foot pedal with forward, rewind, and stop buttons. Duane Dean. P. O. Box 2681, Bartow, FL 33830 813 665-9398.

SELL: ICOM IC2AT $150. mint. Lee Kent WA3YMV, 900-4222 US 41N, Brooksville, FL 34601 904 799-1638.

USED HAM GEAR IS OUR BUSINESS--- Tony Musero, K3UKW, 1609 So. Iseminger St., Phila., PA 19148 215 271-8898. Cash paid for your items -- state of the art, please. 73 ! Call or write today.

THE CREDIT FOR ACHIEVEMENT GOES TO THE PERSON WHO DOES THINGS, NOT TO THE PERSON WHO FIRST THOUGHT OF THEM. W4ZGG

SALE: Kenwood TR2200A 2-meter transceiver 12 channels with 94/94, 34/94, 52/52, 16/76, 22/82, 28/88, 40/00, wall charger, mike, pull-up ant. carry case, very clezn with manual $80. George Houser WD4PSV, 9469 SW 51 Court, Cooper City, FL 33328 305 434-8079.

SELL: GE Mastr PRO receiver power supply $EP39 $25.00 GE Mastr Pro VHF receiver strip 4ER41 $25. GE Mastr Pro UHF receiver strip 4ER42 $25. GE Mastr Pro UHF transmitter strip 4ET60 less 8072 final $25. ELECTRONIC SALES & SURPLUS, 5220 NW 72nd Ave. Bldg 18, Miami, FL 33166 305 591-0654.

FREE FLEA. Famous W4MAQ, Cy Harris Memorial Free Flea Saturday Sept. 19 with a rain date of Saturday Sept. 26 starting 7AM until --- East Parking lot of Motorola Corp on Sunset Blvd. 1 light east of University Dr. in Broward Co. Motorola ARC will have soft drinks available for a nominal donation. Talk-in on 146.19/79 or 146.31/91. For more info contact Billy WD4NEA 989-0509 in Hollywood or 146.31/91. See you there ! ! !

WANTED: Old bugs and side swipers and keys specialy McElroy. Tow-tec electrical winch for tower. FOR SALE: COLLINS 30S1 1 Kw final amp. $1750. and KWM2A $1300. Original/excellent condx. FIRM. Mike Murciano AA4GQ, 2834 DeSoto Blvd, Coral Gables, FL 33134 Ofc. 305 871-7288 Res. 305 442-4868.

COLLECTORS: & BUILDERS: 10 cents each old QST's 40 - 50's. 5 cents each CQs Ham radios etc. Pick-up or add plenty of postage. THOUSANDS of new and used parts 1/2 and 1/3 price. Running out of space. Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33166 305 888-3874.

CLIP & MAIL

I wish to place a HAMBAR in Florida Skip. It should read as follows: 10 cents per word. Minimum $3. See rate card for details.

_____

_____

_____

_____

_____

Name _____ **Call Sign** _____ **Phone (_____)** _____

Address _____ **City, State, Zip** _____

Please print (legibly) or type copy. If additional space is required, clip or staple on separate sheet of paper. Thanks. Ye Ed, A.C.

GUEST EDITORIAL COMMUNICATION

By Austin Forsyth, G6FO

Many years ago, it was said in this space that radio amateurs were privileged still to use the simplest, most elegant, accurate, reliable and unambiguous method of radio communication yet devised. They still are — and we refer, of course, to the art and practice of CW telegraphy.

It has often been said since (though never by us) that "CW has had it," or "Why do we need to know Morse, anyway?" or "Most amateurs never touch the key again after passing the Morse Test."

Well, the answers are that a large proportion of AT-station operations, all over the world, still do use CW as a regular thing — because they find it an interesting and entirely satisfactory method of communication. As to why the Morse Test is a necessary qualification for a radio amateur license (for the HF bands) in every country of the world, there are several answers: The most cogent are, first, that by international agreement Amateur Radio is defined as a self-training service, and to justify this concept then radio amateur operators ought to be able to communicate by telegraphy. Secondly, the requirement to learn Morse, and pass a test, effectively separates those who take Amateur Radio seriously from those who would just like a license "to talk to their friends over the air." (Of course, there are infinite shades and variations of this proposition, but it is a fair generalization.) Thirdly, while it is probably true that many amateurs never do use the key after passing the Test, this does not justify its abolition. Learning Morse is like learning to swim — once you know how, the ability is never lost, even if the execution is indifferent due to lack of practice. Fourthly, to take and pass the Morse Test is in itself a satisfying achievement.

What it comes to is that since the objective of the great majority of radio amateurs is to communicate, and CW is one method of communication it is just as important in the amateur context as telephony — and a great deal cheaper and more efficient!

(From SHORTWAVE MAGAZINE)

SPECIAL 6 METER REPORT:

Six meters is now very much alive in Malta now that its licensing authority has given its amateurs transmitting privileges. If conditions are right, you may soon start hearing 9H1 prefixes on that band.

The rumors were correct. Austria has lifted its ban on its amateurs SWLing six meters, making crossband QSOs to 10 meters at least a possibility.

Don't be too surprised if Poland winds up with at least a 6 meter beacon on the air sometime in the near future. There is definite interest on the part of a number of SPs in such a project if some way can be found to get a special permit to put one on the air.

W6JKV/YV0 made 119 contacts on 6 meters from Aves Island during his operation. Ninety-one of these were with stations in Great Britain and Ireland. The remainder were with stations in North America and the Caribbean. W6JKV confirms that he was properly licensed and did have landing permission for the island. QSL via N6BFM. Tnx G8AUU and QRZ-DX.

(The WESTLINK REPORT 8/7/87)

CODE PRACTICE IN SOUTH FLORIDA

The South Florida FM Assn . announced they will conduc t code practice each Monday at Friday at 8 P.M. on their 2 meter repeater ´ 40/00 (WB4BWO). Speeds will run from 5 to 30 WPM. Code practice "text" will be taken from FLORIDA SKIP, according to Harry, W4SQG. All speeds will be computerized. On Mondays speeds will run 5 to 13 WPM and Fridays from 13 to 20 WPM. Here is your chance to improve your code speed QRM-free on FM.

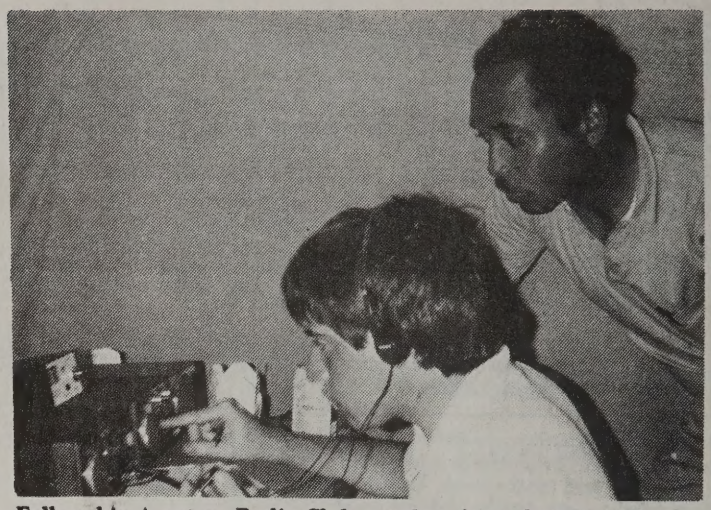
HAM INSTRUCTORS

The ARRL's Club Services Department has a computer data base of amateur radio courses as well as currently active instructors, and they would like to hear from those throughout the nation who offer any form of ham radio instruction.

Information on your service will be added to the League's data base so when inquiries are made by perspective hams looking for instruction, they will be provided the latest information on what courses are available in their areas.

The data base covers Novice through Extra, and all grades in between. Send your information to the Club Services Department, ARRL Headquarters, 225 Main St., Newington, CT 06111.

(THE WEST LINK REPORT)



Fellowship Amateur Radio Club members kept their Field Day station going all night. Here Marty N4PFQ tunes the 20 meter phone band while Moses N4NCS (standing looks on.

(Photo by N4PSA)

EXTENDED COVERAGE TRANSCEIVERS IN THE AMATEUR RADIO SERVICE

The purpose of this Public Notice is to clarify the Commission's rules regarding equipment that is intended to operate in the Amateur Radio Service (ARS), and also in other radio services.

The Commission has noted that a number of transceivers marketed for use in the ARS are also capable of transmitting in the adjacent bands allocated to other radio services, such as the Private Land Mobile Radio Services and the Maritime Services. Some manufacturers are offering conversion kits to permit their transmitters and receivers to be modified so that they can operate in a similar manner.

The manufacturers and users of such devices are reminded that transmitters intended for operation on frequencies allocated to most of the licensed services, e.g., the Private Land Mobile Radio Services, Maritime Services, etc., must be type accepted by the Commission for the particular radio service in which they are intended to operate prior to the marketing or use of these devices. Transmitters used in the ARS, as well as transmitters used by the Civil Air Patrol (CAP) and the Military Affiliate Radio System (MARS) must comply with the applicable technical standards but are not required to be type accepted.

It is a violation of the Commission's regulations to: (1) market an ARS transmitter that is intended to operate, also, on frequency bands outside of the ARS, CAP, or MARS bands without a grant of equipment authorization required for the radio service(s) in which the transmitter operates; (2) market or operate a transmitter that requires a grant of equipment authorization but for which no grant has been issued; or, (3) transmit on a frequency allocated to a licensed service without the appropriate Commission-issued station license.

For further information concerning this Public Notice, contact Mr. John Reed at Room 7122, FCC, Washington, D.C. 20554, (202) 653-7313.

F A A RETIRES

The Florida Association of FAA retirees announce their 25th reunion Friday, Saturday and Sunday November 6, 7 and 8th, 1987 at the Orlando Heritage Inn, 9861 International Dr. Orlando. For full details and reservation coupon write 503 Oak Haven Dr., Altamonte Springs, FL 32701. For room reservations call 800-282-1890 . Orlando area 305 352-0008.